

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



USDA, NASS
North Dakota
Field Office

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN)
and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

Released: April 23, 2007
For Week Ending: April 22, 2007
ND-CW1707

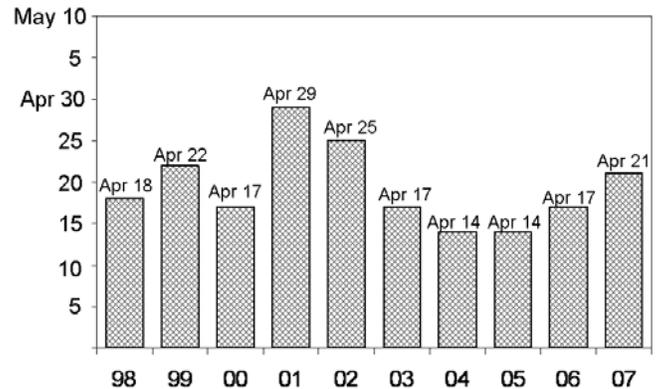
General: Planting finally began in several areas of the state, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. The most progress took place in the southwest, central and west central districts, with small grains, dry peas and canola the main crops planted. Winter wheat seemed to survive the cold spell this spring with only minimal losses reported. Statewide, on average, there were 2.9 days suitable for fieldwork. Topsoil moisture supplies were rated 1 percent very short, 14 short, 76 adequate and 9 surplus, compared with the five-year (2002-2006) average of 5 percent very short, 18 short, 70 adequate and 7 surplus.

Crops: Warmer temperatures and sunshine most of the week yielded to thunderstorms over the weekend. Planting progress was behind average for all crops. Three percent of the spring wheat was seeded, compared with 9 percent last year and 17 percent on average. The statewide average starting date for fieldwork was April 21, one day later than the previous week and four days later than last year. The expected starting dates ranged from April 12 in the southwest district to April 25 in the east central district.

Livestock: Cows continued to calve at a very fast pace with few problems. Calving and lambing were 80 and 86 percent complete, respectively, near last year and the average pace. Shearing neared completion at 93 percent complete, equal to the average pace.

Hay and forage supplies were rated 12 percent very short, 13 short, 71 adequate and 4 surplus, compared with the average of 4 percent very short, 13 short, 77 adequate and 6 surplus. Grain and concentrate supplies were rated 2 percent very short, 13 short, 79 adequate and 6 surplus. Pastures and ranges were starting to grow, but more rainfall is needed in last year's drought affected areas. They were rated 54 percent growing, compared with 24 percent growing the previous week. Pasture and range conditions improved from the previous week and were rated 9 percent very poor, 19 poor, 47 fair, 24 good and 1 excellent.

**Average Start Date for Fieldwork
North Dakota, 1998-2007**



**Planting: Percent Completed
North Dakota, Week Ending April 22, 2007 ^{1/}**

Crop	Week Ending			2002-2006 Avg
	April 22, 2007	April 15, 2007	April 22, 2006	
	Percent	Percent	Percent	Percent
SMALL GRAINS				
Barley	1	0	6	11
Durum Wheat	2	0	4	7
Spring Wheat	3	0	9	17
Oats	2	0	13	13
OTHER CROPS				
Canola	1	0	1	6
Dry Edible Peas	5	0	5	NA
Flaxseed	0	NA	0	2
Sugarbeets	1	0	3	15

^{1/} Progress is based on current intended acreage. NA = Not Available

Soil Temperatures: Average soil temperatures on April 22, ranged from a low of 43 degrees F in Bowbells to a high of 56 in Oakes. These readings reflect daily average temperatures under 4 inches of bare soil recorded by the North Dakota Agricultural Weather Network (NDAWN).

Average Soil Temperatures*, April 22, 2007

Station	Temperature	Station	Temperature
	Degrees F		Degrees F
NORTHWEST			
Bowbells	43	CENTRAL	
Minot	53	Carrington	54
Williston	53	Robinson	47
NORTH CENTRAL			
Baker	50	Streeter	48
Bottineau	45	EAST CENTRAL	
Rolla	49	Dazey	50
NORTHEAST			
Cavalier	53	Fargo	53
Grand Forks	51	SOUTHWEST	
Langdon	46	Bowman	52
WEST CENTRAL			
Turtle Lake	52	Dickinson	50
Watford City	53	SOUTH CENTRAL	
		Linton	51
		SOUTHEAST	
		Oakes	56
		Wyndmere	53

*Thermometers located 4 inches under bare soil.
Source: NDAWN, Department of Soil Science, NDSU.

~ Compiled and Published by ~

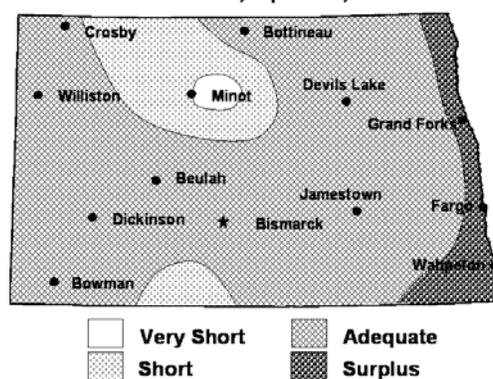
OFFICIAL BUSINESS
 Penalty for Private Use, \$300

ADDRESS SERVICE REQUESTED

**Soil Moisture Supplies
 North Dakota, April 22, 2007 with Comparisons**

Date	Week Ending			2002-2006 Avg
	April 22, 2007	April 15, 2007	April 22, 2006	
	Percent	Percent	Percent	Percent
Topsoil				
Very Short	1	1	0	5
Short	14	12	8	18
Adequate	76	80	78	70
Surplus	9	7	14	7
Subsoil				
Very Short	7	7	3	10
Short	31	35	10	23
Adequate	57	55	76	62
Surplus	5	3	11	5

**Topsoil Moisture Supplies
 North Dakota, April 22, 2007**



Weather: A very spring-like week shaped up this last week. Temperatures across the state were at or above normal with temperatures in the 60s and 70s. Quiet weather dominated last week until Thursday when several storm systems developed east of the Rockies. The first system brought scattered rain showers across the state Thursday into Thursday night. No significant rain occurred with this line of showers, but the secondary storm system brought significant rainfall to some parts of the state on Friday through Sunday. A large storm moved from Nebraska into Iowa and spread strong storms across the southeastern corner of the state. These storms redeveloped across that region several times and dropped a significant amount of rain. Rain showers also affected the western half of the state, but none of this activity reached the northeastern corner of the state.

Outlook, April 23-29: Another quiet pattern is setting up for the beginning of the week for most of the state with above average temperatures. A quick moving system could bring a few rain showers for the western and central parts of the state on Monday night and into Tuesday. Another shot at moisture comes into the state on Thursday. It looks like this system will skirt the southern third of the state. The weekend looks to be dry and should remain warm with temperatures in the 60s for most of the state with a few 70 degree readings across southern counties.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 22, 2007**

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 ^{1/}		
	Past Week	Depart Normal ^{2/}	Past Week	Total	Depart Normal ^{2/}
	(Degrees F)	(Degrees F)	(Inches)	(Inches)	(Inches)
Northwest(1)	51	8	0.09	0.11	-0.81
N. Central(2)	49	7	0.13	0.13	-0.79
Northeast (3)	49	5	0.09	0.41	-0.35
W. Central(4)	51	6	0.18	0.18	-0.94
Central (5)	48	4	0.16	0.18	-0.72
E. Central(6)	49	5	1.16	1.48	0.44
Southwest(7)	51	7	0.36	0.42	-0.70
S. Central(8)	51	6	0.22	0.23	-0.81
Southeast(9)	52	7	1.35	1.59	0.31

^{1/} Precipitation amounts may vary due to an inaccurate snowfall melt. ^{2/} Normal is the 1971-2000 average. NA=Not available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending April 22, 2007**

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning April 1 ^{1/}		
	High	Low	Past Week	Total	Depart Normal ^{2/}
	(Degrees F)	(Degrees F)	(Inches)	(Inches)	(Inches)
(1) Bowbells	70	32	0.12	0.12	-0.78
Williston	73	34	0.06	0.06	-0.71
Mohall	70	30	0.11	0.11	-0.79
Minot	70	36	0.10	0.13	-0.94
(2) Baker	68	33	0.16	0.17	-0.77
Bottineau	70	29	0.11	0.11	-0.77
Rugby	68	30	0.11	0.11	-0.82
(3) Cando	69	28	0.05	0.08	-0.53
Cavalier	68	24	0.03	0.48	-0.31
Forest River	69	30	0.01	0.39	-0.42
Grand Forks	69	29	0.26	0.61	-0.24
Langdon	69	35	0.07	0.44	-0.24
St. Thomas	67	32	0.12	0.44	-0.37
(4) Hazen	70	32	0.19	0.19	-1.12
Turtle Lake	68	33	0.12	0.12	-0.97
Watford City	71	35	0.24	0.24	-0.72
(5) Carrington	70	29	0.10	0.12	-0.92
Harvey	68	28	0.12	0.12	-0.42
Jamestown	71	30	0.14	0.20	-0.83
Robinson	67	29	0.13	0.13	-0.86
Streeter	70	26	0.31	0.33	-0.59
(6) Dazey	69	32	0.30	0.44	-0.52
Fargo	71	28	2.09	2.56	1.55
Hillsboro	70	29	1.08	1.44	0.28
(7) Beach	70	34	0.34	0.44	-0.68
Bowman	68	30	0.39	0.46	-0.47
Dickinson	68	35	0.29	0.29	-1.01
Hettinger	69	36	0.41	0.49	-0.64
(8) Mandan	68	32	0.19	0.19	-0.90
Linton	68	36	0.25	0.27	-0.72
(9) Edgeley	71	30	0.56	0.66	-0.55
Oakes	73	31	1.24	1.37	0.06
Wyndmere	75	33	2.26	2.73	1.42

^{1/} Precipitation amounts may vary due to an inaccurate snowfall melt. ^{2/} Normal is the 1971-2000 average. NA=Not Available. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.